

ASHRAE

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC. PHILADELPHIA CHAPTER

BASIC HVAC SYSTEM **DESIGN COURSE**

This is a demanding one-year course that introduces students to the fundamentals of HVAC design. Classroom activities will include lectures and problem solving sessions, supplemented by home reading and study assignments.

2005-2006 Course Subjects Include:

Fundamentals and Psychometrics

Load and Heat Transfer Fundamentals

Load Calculations

Pumps, Piping & Piping Systems

Basic Steam & Boilers

Electricity Fundamentals

Fans, Air Distribution & Duct Design

Refrigeration

Controls & Instrumentation

Equipment Selection

The class is a great way to further, or even begin, a career in HVAC.

Classes will meet Tuesdays and Thursdays from 6:15 PM to 8:30 PM beginning in early October and continue until the end of April. All classes will be held in Philadelphia.

The Basic Class tuition is \$1,000.00, which includes all reference materials. Class size is limited to 30 students, so complete the application making sure to check the **BASIC** course box and include it with a **non-refundable** deposit of \$200.00 payable to "Philadelphia Chapter ASHRAE". Balance due at first course session. Please mail the application and deposit to the School Coordinator at:

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